

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA2005/000027

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G08C 23/04, G08C 19/36, H04B 10/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G08C, H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms  
DELPHION, Canadian Patent Database, USPTO, Esp@cenet, IEEE and keywords: underwater, undersea, communication, light, optical, illumination, beacon, buoy

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No(s).
A	EP 0485070 (Petroleo Brasileiro SA; Pontificia Universidade Catoli) 13 May 1992 (13-05-1992)	1-20
A	EP 0485071 (Petroleo Brasileiro SA; Pontificia Universidade Catoli) 13 May 1992 (13-05-1992)	1-20
A	EP 0221643 (Texas Instruments INC) 13 May 1987 (13-05-1987)	1-20

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

\* Special categories of cited documents :  
 "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search

22 February 2005 (22-02-2005)

Date of mailing of the international search report

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Name and mailing address of the ISA/CA  
 Canadian Intellectual Property Office  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
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